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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Patent Number	6,879,578
	Issue Date	April 12, 2005
	First Named Inventor	Pan et al.
	Application Number	10/077,509
	Filing Date	February 15, 2002
Total Number of Pages in This Submission	Attorney Docket Number	I-2-0178.3US

ENCLOSURES (Check all that apply)		
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Certificate
JUL 06 2005
of Correction

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	VOLPE AND KOENIG, P.C.		
Signature			
Printed name	Dimitri P. Dovas		
Date	June 28, 2005	Reg. No.	51,627

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name	Dimitri P. Dovas	Date	June 28, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT** of:

Pan et al.

Patent No.: 6,879,578

Issued: April 12, 2005

Appln. No.: 10/077,509

Filed: February 15, 2002

For: SINGLE USER DETECTION USER
EQUIPMENT

Our File: I-2-0178.3US

Date: June 28, 2005

REQUEST FOR CERTIFICATE OF CORRECTION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

A Certificate of Correction under 35 U.S.C. §254 and 37 C.F.R. §1.322 is requested for U.S. Patent No. 6,879,578. The following errors were made during printing by the United States Patent and Trademark Office.

IN THE SPECIFICATION

At column 3, line 17, after the word "each", delete "h^(k)" and insert therefor -- h^(k)--.

At column 3, line 32, after the words "chip vector", delete "r•d^(k)" and insert therefor --r•d^(k)--.

At column 3, line 48, before the word "is", delete "n" and insert therefor --n--.

JUL 07 2005

At column 4, line 3, after the word "response", delete " $\underline{h}_m^{(k)}$ " and insert therefor $\underline{h}_m^{(k)}$.

At column 4, line 6, after the word "vector", delete " $\underline{r}_m^{(k)}$ " and insert therefor $\underline{r}_m^{(k)}$.

At column 4, line 13, after the word "vector", delete " \underline{r}_m " and insert therefor \underline{r}_m .

At column 4, line 25, before the words "is the", delete " \underline{r}' " and insert therefor \underline{r}' .

At column 6, equation 17, delete " $s=C\underline{d}$ " and insert therefor $\underline{s}=C\underline{d}$.

At column 6, line 6, after the word "determine", delete " \underline{s} is" and insert therefor \underline{s} is.

At column 6, line 18, after the word "for", delete "s" and insert therefor \underline{s} .

At column 6, line 26, after the word "for", delete " \underline{s} use" and insert therefor \underline{s} use.

At column 7, line 7, after the word "multiplication", delete " $R \underline{s}$ can" and insert therefor \underline{R} s can.

At column 7, line 14, before the word "is", delete " g_1 " and insert therefor \underline{g}_i .

At column 7, line 50, after the word "matrix," delete " R_{cir} " and insert therefor \underline{R}'_{cir} .

At column 7, line 53, after the word "is that", delete " g_w " and insert therefor \underline{g}_w .

At column 7, line 55, after the word "vector", delete " \underline{s} is" and insert therefor \underline{s} is.

At column 7, line 58, after the word "permuting", delete "s" and insert therefor --s--.

At column 8, line 60, after the word "uplink,", delete "sis" and insert therefor --s is--.

At column 8, line 62, after the word "data", delete "das" and insert therefor --d as--.

At column 8, line 63, after the word "downlink,", delete "sis" and insert therefor --s is--.

At column 9, line 16, delete "r_m" and insert therefor --r_m --.

At column 9, line 16, delete "Dphhm" and insert therefor --Dphm --.

At column 12, line 24, after the word "high", delete "date" and insert therefor --data rate--.

Patentee: Pan et al.
Patent No.: 6,879,578

REMARKS

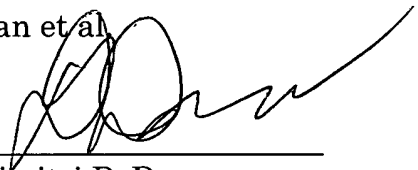
Patentees believe that the above errors are of such a nature as to justify the issuance of a Certificate of Correction. Patentees have enclosed a completed Certificate of Correction Form PTO/SB/44.

Patentees respectfully request that the Certificate of Correction be issued.

Respectfully submitted,

Pan et al.

By


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(215) 568-6400

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DPD/HV/ml

JUL 07 2005

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

Page 1 of 3

PATENT NO. : 6,879,578

APPLICATION NO.: 10/077,509

ISSUE DATE : April 12, 2005

INVENTOR(S) : Pan et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

IN THE SPECIFICATION

At column 3, line 17, after the word "each", delete " $h^{(k)}$ " and insert therefor
-- $\underline{h}^{(k)}$ --.

At column 3, line 32, after the words "chip vector", delete " $r \cdot \underline{d}^{(k)}$ " and insert therefor
-- $\underline{r} \cdot \underline{d}^{(k)}$ --.

At column 3, line 48, before the word "is", delete "n" and insert
therefor -- \underline{n} --.

At column 4, line 3, after the word "response", delete " $\underline{h}h_m^{(k)}$ " and insert therefor -- $\underline{h}_m^{(k)}$ --.

At column 4, line 6, after the word "vector", delete " $\underline{r}r_m^{(k)}$ " and insert therefor -- $\underline{r}_m^{(k)}$ --.

At column 4, line 13, after the word "vector", delete " $\underline{r}r_m$ " and insert therefor -- \underline{r}_m --.

At column 4, line 25, before the words "is the", delete " $\underline{r}r'$ " and insert therefor -- \underline{r}' --.

At column 6, equation 17, delete " $s=C\underline{d}d$ " and insert therefor -- $\underline{s}=C\underline{d}$ --.

At column 6, line 6, after the word "determine", delete " $\underline{s}is$ " and insert therefor -- \underline{s} is --.

At column 6, line 18, after the word "for", delete "s" and insert therefor -- \underline{s} --.

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Philadelphia, PA 19103

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Page 2 of 3

PATENT NO. : 6,879,578

APPLICATION NO.: 10/077,509

ISSUE DATE : April 12, 2005

INVENTOR(S) : Pan et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 6, line 26, after the word "for", delete "suse" and insert therefor
--s use--.

At column 7, line 7, after the word "multiplication", delete "R scan" and insert therefor
--Rs can--.

At column 7, line 14, before the word "is", delete "g₁" and insert therefor
--g_i--.

At column 7, line 50, after the word "matrix,", delete "R_{cir}' " and insert therefor --R'_{cir}--.

At column 7, line 53, after the word "is that", delete "g_w" and insert therefor
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At column 7, line 55, after the word "vector", delete "sis" and insert therefor
--s is--.

At column 7, line 58, after the word "permuting", delete "s" and insert therefor --s--.

At column 8, line 60, after the word "uplink,", delete "sis" and insert therefor
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**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**Page 3 of 3

PATENT NO. : 6,879,578

APPLICATION NO.: 10/077,509

ISSUE DATE : April 12, 2005

INVENTOR(S) : Pan et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 8, line 62, after the word "data", delete "das" and insert therefor --d as--.

At column 8, line 63, after the word "downlink,", delete "sis" and insert therefor --s is--.

At column 9, line 16, delete "rr_m" and insert therefor --r_m --.

At column 9, line 16, delete "Dphhm" and insert therefor --Dphm --.

At column 12, line 24, after the word "high", delete "date" and insert therefor --data rate--.

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